

AMENDMENTS TO THE CLAIMS

Claims 1-33 (CANCELLED).

34. (CURRENTLY AMENDED) A networked health-monitoring system, comprising:

(a) a plurality of remote patient sites, each remote patient site including

5 (i) at least one display,  
(ii) a hand held unit configured to facilitate collection of patient health-related data,

(iii) a memory within said hand held unit, and

10 (iv) a processor within said hand held unit configured to execute program instructions stored in said memory ~~that~~, said program instructions, when executed by said processor at the remote patient site, generate health-monitoring related information on the display and collect said patient health-related data, wherein said program instructions are stored after being received by said hand  
15 held unit from at least one central server and allow said hand held unit to update said health-monitoring related information presented on the display;

(b) at least one remotely located computing facility including the at least one central server connectable for  
20 communication with the ~~data management~~ hand held units at the

remote patient sites via a first network connection, the central server configured to (i) transmit the ~~stored~~ program instructions to the hand held unit at each of the plurality of remote patient sites and (i) receive and store the patient health-related data  
25 from the hand held unit at each of the remote patient sites; and

(c) at least one health care professional computer remotely located from and configured for signal communication with the central server via a second network connection,

wherein the central server can generate a report based on the  
30 patient health-related data collected at a respective one of the remote patient ~~site~~ sites, the central server can transmit the report to the health care professional computer, ~~and~~ the report can be viewed at the ~~at least one~~ health care professional computer and ~~wherein~~ at least one message can be sent from the health care  
35 professional computer to the remote patient sites through the central server.

35. (CURRENTLY AMENDED) The system of claim 121, further comprising at least one health-monitoring device configured

(a) to monitor at least one patient health condition at at least one of the remote patient ~~site~~ sites; and

5 (b) to communicate data related to the monitored condition to the central server.

36. (CURRENTLY AMENDED) The system of claim 35, wherein the ~~data management~~ hand held unit facilitates collection of the patient health-related data by receiving the data related to the monitored condition from ~~at least one of~~ the health-monitoring ~~devices~~ device.

37. (CURRENTLY AMENDED) The system of claim 36, wherein ~~the at least one~~ health-monitoring device includes one or more devices from ~~of~~ the set consisting of:

- (a) a blood glucose monitor;
- (b) a peak flow meter;
- (c) a blood pressure monitor;
- (d) a pulse monitor; and
- (e) a body temperature monitor.

38. (CURRENTLY AMENDED) The system of claim 66, wherein the ~~data management~~ hand held unit is configured to facilitate collection of the patient health-related data through a patient at the respective remote patient site using buttons, keys or switches.

39. (CURRENTLY AMENDED) The system of claim 35, wherein the ~~data management~~ hand held unit is physically separate from the display.

40. (CURRENTLY AMENDED) The system of claim 35, wherein the display forms a part of ~~at least one~~ of the health-monitoring ~~devices~~ device.

41. (CURRENTLY AMENDED) The system of claim 121, wherein the display is in ~~a handheld~~ the hand held device.

42. (CURRENTLY AMENDED) The system of claim 41, wherein the ~~handheld~~ hand held device is capable of displaying pictorial health-monitoring related information.

43. (PREVIOUSLY PRESENTED) The system of claim 40, wherein the memory is a program cartridge.

44. (CURRENTLY AMENDED) The system of claim 41, wherein the ~~handheld~~ hand held device is capable of displaying animated health-monitoring related information.

45. (CURRENTLY AMENDED) The system of claim 121, wherein at least one of the remote sites further includes at least one personal computer ~~and wherein the data management~~ that is configured for signal communication with the hand held unit at that remote patient site ~~is connectable to the computer~~.

46. (CURRENTLY AMENDED) The system of claim 121, wherein ~~the information received by the health care professional computer~~ is configured ~~can be used~~ to generate at least one report that is standardized and based upon the information received from the central server.

47. (PREVIOUSLY PRESENTED) The system of claim 76, wherein the system is configured to allow a health care professional to select which of a plurality of standardized reports is received.

48. (PREVIOUSLY PRESENTED) The system of claim 76, wherein the report includes at least one of graphs and icons.

49. (PREVIOUSLY PRESENTED) The system of claim 76, wherein the report can be generated periodically.

50. (PREVIOUSLY PRESENTED) The system of claim 48, wherein the server can generate the report.

51. (CURRENTLY AMENDED) The system of claim 76, wherein the system is configured to cause the presentation of at least one report on the display at ~~a~~ one of the remote patient ~~site~~ sites.

52. (PREVIOUSLY PRESENTED) The system of claim 76, wherein the report includes displayed formatted statistical information.

53. (PREVIOUSLY PRESENTED) The system of claim 52, wherein the statistical information can be displayed on a display at a remote patient site.

54. (PREVIOUSLY PRESENTED) The system of claim 76, wherein the report includes information data for a period of time.

55. (CURRENTLY AMENDED) The system of claim 121, wherein the system is configured to transmit a message for ~~display presentation~~ on the display of at least one of the remote patient ~~site display~~ sites.

56. (PREVIOUSLY PRESENTED) The system of claim 71, wherein the message includes step-by-step instructions.

57. (PREVIOUSLY PRESENTED) The system of claim 71, wherein the message includes results of a test.

58. (PREVIOUSLY PRESENTED) The system of claim 71, wherein the message includes a diagnostic indication related to whether a test has proceeded in a normal fashion.

59. (PREVIOUSLY PRESENTED) The system of claim 71, wherein the message is a multi-line message.

60. (PREVIOUSLY PRESENTED) The system of claim 71, wherein the message is educational or motivational.

61. (PREVIOUSLY PRESENTED) The system of claim 71, wherein the message is from the health care professional computer.

62. (CURRENTLY AMENDED) The system of claim 61, wherein the system is configured to cause the message to be transmitted to a specific patient at a specific remote patient site.

63. (PREVIOUSLY PRESENTED) The system of claim 62, wherein the system is configured to cause the message to be transmitted automatically to the patient.

64. (PREVIOUSLY PRESENTED) The system of claim 62, wherein the system enables the patient to choose when to receive the message.

65. (PREVIOUSLY PRESENTED) The system of claim 62, wherein the message is stored before being transmitted to the patient.

66. (PREVIOUSLY PRESENTED) The system of claim 71, wherein the system is configured to allow a patient at a respective one of said remote patient sites to control the display of health-monitoring related information on the at least one display at the respective remote patient site using at least one menu.

67. (CURRENTLY AMENDED) The system of claim 66, wherein the menu allows the patient to select any ~~of the operational modes~~ mode from the set consisting of:

- (a) a display mode for displaying relevant information;
- 5       (b) an input mode for providing information; and
- (c) a communications mode for establishing a link with the central server.

68. (PREVIOUSLY PRESENTED) The system of claim 66, wherein the menu allows a patient to select a monitoring mode in which at least one of the health-monitoring devices is used.



69. (PREVIOUSLY PRESENTED) The system of claim 66, wherein the menu allows a patient to display at least one message or instruction from a health care professional.

70. (PREVIOUSLY PRESENTED) The system of claim 69, wherein the system is configured to enable the patient to respond to information on the display by using a cursor or other indicator positioned at a selected item.

71. (CURRENTLY AMENDED) A networked health-monitoring system comprising:

(a) a plurality of remote patient sites, each remote patient site including

5           (i) at least one display,  
          (ii) a hand held unit configured to facilitate collection of patient health-related data,

          (iii) a memory within said hand held unit, and

          (iv) a processor within said hand held unit configured to  
10 execute program instructions stored in said memory ~~that~~, said  
program instructions, when executed by said processor at each remote patient site, generate health-monitoring related information on the display and collect said patient health-related data, wherein said program instructions are stored after being received  
15 by said hand held unit from at least one central server and allow

said hand held unit to update said health-monitoring related information presented on the display;

20 (b) at least one remotely located computing facility including the at least one central server connectable for communication with the ~~data management~~ hand held units at the remote patient sites via a first network connection; and

25 (c) at least one health care professional computer configured for signal communication with the central server via a second network connection to receive information based on the patient health-related data collected at the remote patient sites,

wherein hardware and software of the central server (i) transmit the ~~stored~~ program instructions to the hand held unit at each of the plurality of remote patient sites and (ii) can communicate with the ~~data management~~ hand held units to ~~enable~~ program instructions to be provided from the server for ~~reconfiguring~~ reconfigure programs stored at each remote patient site; and

wherein the system is configured to transmit a message for display on at least one remote patient site display.

72. (PREVIOUSLY PRESENTED) The system of claim 121, wherein the collected patient health-related data includes indications of user-experienced symptoms.

73. (PREVIOUSLY PRESENTED) The system of claim 121, wherein the collected patient health-related data includes quantitative measurements.

74. (PREVIOUSLY PRESENTED) The system of claim 73, wherein the collected patient health-related data includes medication data.

75. (PREVIOUSLY PRESENTED) The system of claim 73, wherein the collected patient health-related data includes time data.

76. (CURRENTLY AMENDED) A networked health-monitoring system comprising:

- (a) a plurality of remote patient sites, each site including
  - (i) at least one display,
  - 5 (ii) a plurality of buttons keys or switches,
  - (iii) a hand held unit configured to facilitate collection of patient health-related data,
  - (iv) a memory within said hand held unit, and
  - (v) a processor within said hand held unit configured to  
10 execute program instructions stored in said memory ~~that~~, said  
program instructions, when executed by said processor at the remote patient site, generate health-monitoring related information on the

display and collect said patient health-related data, wherein said program instructions are stored after being received by said hand  
15 held unit from at least one central server and allow said hand held unit to update said health-monitoring related information presented on the display;

(b) at least one remotely located computing facility including the at least one central server connectable for  
20 communication with the ~~data management~~ hand held units at the patient sites via a first network connection, wherein the central server can (i) transmit the ~~stored~~ program instructions to the hand held unit at each of the plurality of remote patient sites and (ii) generate at least one report; and

25 (c) at least one health care professional computer configured for signal communication with the central server via a second network connection to receive at least one report based on the patient health-related data collected at the remote patient sites,  
wherein the ~~at least one~~ report is standardized, and

30 wherein hardware and software of the central server communicates the report to the health care professional computer after an authorization code is transmitted to the central server to identify an associated health care professional as an authorized user, and

35            wherein additional program instructions stored in a program cartridge are used for reconfiguring the stored program instructions.

77. (CURRENTLY AMENDED) A method of collecting and processing patient health-related data, comprising:

(a) at a plurality of remote patient sites,

5            (i) storing program instructions received from at least one remotely located central server and using the stored program instructions to generate health-monitoring related information on at least one display,

(ii) facilitating collection of said patient health-related data using a hand held unit, and

10            (iii) using a processor within said hand held unit to execute program instructions that received from the central server and stored in a memory of the hand held unit, the program instructions, when executed at the remote patient site, collect ~~patient-health-related~~ the patient health-related data, wherein  
15            said program instructions allow said hand held unit to update said health-monitoring related information presented on the display;

(b) connecting at least one remotely located computing facility including the at least one central server for communication with the ~~data-management~~ hand held unit at the remote  
20            patient sites; and

(c) providing at least one report to at least one health care professional computer, remotely located from and in signal communication with the central server, the report being based on the patient health-related data collected at the remote patient sites, and

wherein hardware and software of the central server transmits the ~~stored~~ program instructions to the remote patient sites and allows at least one message sent from the health care professional computer to be sent to at least one of the remote patient sites.

78. (PREVIOUSLY PRESENTED) The method of claim 122, further comprising using at least one health-monitoring device to:

(i) monitor at least one patient health condition at at least one remote patient site; and

(ii) communicate data related to the monitored condition to the central server.

79. (CURRENTLY AMENDED) The method of claim 78, wherein the ~~data management~~ hand held unit facilitates collection of the patient health-related data by receiving data related to the monitored condition from ~~at least one of~~ the health-monitoring ~~devices~~ device.

80. (CURRENTLY AMENDED) The method of claim 79, wherein ~~at least one~~ the health-monitoring device includes one or more of:

- (a) a blood glucose monitor;
- (b) a peak flow meter;
- (c) a blood pressure monitor;
- (d) a pulse monitor; and
- (e) a body temperature monitor.

81. (CURRENTLY AMENDED) The method of claim 109, wherein the ~~data management~~ hand held unit facilitates collection of the patient health-related data entered by a patient at the remote patient site using buttons, keys or switches.

82. (CURRENTLY AMENDED) The method of claim 78, wherein the ~~data management~~ hand held unit is physically separate from the display.

83. (CURRENTLY AMENDED) The method of claim 78, wherein the display forms a part of ~~at least one of~~ the health-monitoring ~~devices~~ device.

84. (CURRENTLY AMENDED) The method of claim 122, wherein the display is in ~~a handheld device~~ the hand held unit.

85. (PREVIOUSLY PRESENTED) The method of claim 84, wherein the memory is a program cartridge.

86. (CURRENTLY AMENDED) The method of claim 84, further comprising displaying pictorial health-monitoring related information on the ~~handheld device~~ hand held unit.

87. (CURRENTLY AMENDED) The method of claim 44, further comprising displaying animated health-monitoring related information on the ~~handheld device~~ hand held unit.

88. (CURRENTLY AMENDED) The method of claim 122, further comprising connecting at least one personal computer to the ~~data management~~ hand held unit of at least one remote site.

89. (PREVIOUSLY PRESENTED) The method of claim 77, wherein the information received by the health care professional computer can be used to generate at least one report that is standardized.

90. (PREVIOUSLY PRESENTED) The method of claim 119, wherein a health care professional selects which of a plurality of standardized reports is received.



91. (PREVIOUSLY PRESENTED) The method of claim 119, wherein the report includes at least one of graphs and icons.

92. (PREVIOUSLY PRESENTED) The method of claim 119, wherein the report is generated periodically.

93. (CURRENTLY AMENDED) The method of claim 89, wherein the central server generates the report.

94. (CURRENTLY AMENDED) The method of claim 119, further comprising presenting at least one report on ~~a~~ the display at ~~a~~ the remote patient site.

95. (PREVIOUSLY PRESENTED) The method of claim 119, wherein the report includes statistical information.

96. (CURRENTLY AMENDED) The method of claim 119, further comprising displaying the statistical information on ~~a~~ the display at ~~a~~ the remote patient site.

97. (PREVIOUSLY PRESENTED) The method of claim 119, wherein the report includes information data for a period of time.

98. (CURRENTLY AMENDED) The method of claim 122, further comprising:

transmitting at least one message to at least one of the remote patient ~~site~~ sites; and

displaying the at least one message on ~~at least one~~ the remote patient site display.

99. (PREVIOUSLY PRESENTED) The method of claim 119, wherein the message includes step-by-step instructions.

100. (PREVIOUSLY PRESENTED) The method of claim 119, wherein the message includes results of a test.

101. (PREVIOUSLY PRESENTED) The method of claim 100, wherein the message includes an indication related to whether a diagnostic test has proceeded in a normal fashion.

102. (PREVIOUSLY PRESENTED) The method of claim, 119, wherein the message is a multi-line message.

103. (PREVIOUSLY PRESENTED) The method of claim 119, wherein the message is educational or motivational.

104. (PREVIOUSLY PRESENTED) The method of claim 119, wherein the message is from the health care professional computer.

105. (CURRENTLY AMENDED) The method of claim 119, wherein the message is transmitted to a specific remote patient site.

106. (PREVIOUSLY PRESENTED) The method of claim 105, wherein the message is transmitted automatically to the patient.

107. (PREVIOUSLY PRESENTED) The method of claim 105, wherein the patient chooses when to receive the message.

108. (PREVIOUSLY PRESENTED) The method of claim 105, wherein the message is stored before being transmitted to the patient.

109. (CURRENTLY AMENDED) The method of claim 114, wherein a patient at ~~a~~ one of the remote patient sites ~~site~~ controls the display of health-monitoring related information using at least one menu.

110. (CURRENTLY AMENDED) The method of claim 109, wherein the menu allows a patient to select any ~~of the~~ operational ~~modes~~ mode from the set consisting of:

- (a) a display mode for displaying relevant information;
- 5 (b) an input mode for providing information; and
- (c) a communications mode for establishing a link with the central server.

111. (CURRENTLY AMENDED) The method of claim 109, wherein the menu allows a patient to select a monitoring mode in which at least one ~~of the~~ health-monitoring ~~devices~~ device is used.

112. (PREVIOUSLY PRESENTED) The method of claim 109, wherein the menu allows a patient to display at least one message or instructions from a health care professional.

113. (PREVIOUSLY PRESENTED) The method of claim 112, wherein the patient responds to information on the display by using a cursor or other indicator positioned at a selected item.

114. (CURRENTLY AMENDED) A method of collecting and processing patient health-related data, comprising:

- (a) at a plurality of remote patient sites,
  - (i) using stored program instructions to generate health-
  - 5 monitoring related information on at least one display,
  - (ii) facilitating collection of patient health-related data using a hand held unit, and

(iii) using stored program instructions that, when executed by a processor within said hand held unit at the remote patient ~~site~~ sites, collect patient-health related data, ~~wherein said program instructions~~ and allow said hand held unit to update said health-monitoring related information presented on the display;

(b) connecting at least one remotely located computing facility including at least one central server for communication with the ~~data management~~ hand held unit at the remote patient sites;

(c) providing information based on the patient health-related data collected at the remote patient sites to at least one health care professional computer, remotely located from and in signal communication with the central server;

(d) providing ~~said stored~~ a new set of program instructions from the central server to the remote patient sites; and

(e) storing the new set of program instructions in a memory within the hand held unit and executing the ~~stored~~ new set of program instructions at the remote patient sites.

115. (PREVIOUSLY PRESENTED) The method of claim 122 wherein the collected patient health-related data includes indications of user-experienced symptoms.

116. (PREVIOUSLY PRESENTED) The method of claim 122, wherein the collected patient health-related data includes quantitative measurements.

117. (PREVIOUSLY PRESENTED) The method of claim 122, wherein the collected patient health-related data includes medication data.

118. (PREVIOUSLY PRESENTED) The system of claim 122, wherein the collected patient health-related data includes time data.

119. (CURRENTLY AMENDED) A method of collecting and processing patient health-related data, comprising:

(a) at a plurality of remote patient sites,

(i) using ~~stored~~ program instructions received from at least one central server and stored at the remote patient sites to generate health-monitoring related information on at least one display,

(ii) facilitating collection of patient health-related data using a hand held unit, and

(iii) using program instructions stored in a memory of the hand held unit to collect the patient-health related data, wherein said program instructions, when executed by a processor of

said hand held unit, allow said hand held unit to update said health-monitoring related information presented on the display;

15 (b) connecting at least one remotely located computing facility including ~~at least one~~ the central server for communication with the ~~data management~~ hand held unit at the remote patient sites;

20 (c) providing at least one report to at least one health care professional computer, remotely located from and in signal communication with the central server, the report being based on the patient health-related data collected at the remote patient sites,

25 wherein hardware and software of the central server transmits the ~~stored~~ program instructions from the central server to the remote patient sites and allows at least one message from a health care professional computer to be sent to the remote patient sites, and

30 (d) transmitting ~~receiving~~ the report after ~~transmitting~~ receiving an authorization code ~~to~~ at the central server, wherein the authorization code identifies an associated health care professional as an authorized user.

120. (CURRENTLY AMENDED) A system for collecting and processing patient health-related data, said system comprising a

plurality of remote patient sites, each remote patient site including:

5 (i) means for using program instructions received from at least one central server to generate health-monitoring related information on at least one display of a hand held unit and collect patient health-related data, wherein said program instructions allow said hand held unit to update said health-monitoring related  
10 information presented on the display;

(ii) means for facilitating collection of said patient health-related data using ~~a~~ the hand held unit;

(iii) means for connecting at least one remotely located computing facility including ~~at least one~~ the central server for  
15 communication with the ~~data management~~ hand held units at the remote patient sites, wherein the ~~stored~~ program instructions are transmitted from the ~~at least one~~ central server to the hand held units at the remote patient sites and stored in a memory of the hand held units; and

20 (iv) means for providing at least one report to at least one health care professional computer, remotely located from and in signal communication with the central server, the report being based on the patient health-related data collected at the remote patient sites,

25 wherein the report can be viewed at the ~~at least one~~ health care professional computer and at least one message can be sent



from the health care professional computer to the remote patient sites through the central server.

121. (CURRENTLY AMENDED) A networked health-monitoring system, comprising:

(a) a plurality of remote patient sites, each remote patient site including

5 (i) at least one display,

(ii) a plurality of buttons, keys or switches,

(iii) a hand held unit configured to facilitate collection of patient health-related data using one or more of the plurality of buttons, keys or switches,

10 (iv) a memory within said hand held unit, and

(v) a processor within said hand held unit configured to execute program instructions stored in said memory ~~that, said~~ program instructions, when executed by said processor, generate health-monitoring related information on the display and collect  
15 the patient health-related data;

(b) at least one remotely located computing facility including at least one central server connectable for communication with the ~~data-management~~ hand held units at the remote patient sites via a first network connection, wherein the ~~at least one~~  
20 central server transmits the ~~stored~~ program instructions stored in the memory of the hand held unit to the remote patient sites; and

(c) at least one health care professional computer remotely located from and configured for signal communication with the central server via a second network connection to receive  
25 information based on the patient health-related data collected at the remote patient sites and to send educational or motivational messages to the patient,

wherein hardware and software of the central server automatically communicates with the ~~data management~~ hand held units  
30 and the ~~at least one~~ health care professional computer; and

wherein the system is configured to enable a patient at a respective one of the remote patient ~~site~~ sites to respond to health-monitoring related information generated on the respective display by using a cursor or other indicator positioned at an item  
35 on the respective display.

122. (CURRENTLY AMENDED) A method of collecting and processing patient health-related data, comprising:

(a) at a plurality of remote patient sites,

(i) using ~~stored~~ program instructions stored at the  
5 remote patient sites to generate health-monitoring related information on at least one display,

(ii) facilitating collection of patient health-related data using a hand held unit, and

(iii) using program instructions stored in a memory of  
10 the hand held unit by executing the program instructions on a  
processor of the hand held unit to collect the patient-health  
related data, wherein said program instructions, when executed by  
said processor, also allow said hand held unit to update said  
health-monitoring related information presented on the display;

15 (b) connecting at least one remotely located computing  
facility including at least one central server for communication  
with the ~~data management~~ hand held unit units at the patient sites,  
wherein the at least one central server transmits the ~~stored~~  
program instructions to the remote patient sites;

20 (c) providing information, based on the patient health-  
related data collected at the remote patient sites, to at least one  
health care professional computer remotely located from the central  
server;

25 (d) enabling a patient at a remote patient site to respond to  
health-monitoring related information generated on the display by  
using a cursor or other indicator positioned at an item on the  
display; and

(e) sending educational or motivational messages to the  
remote patient sites.

123. (CURRENTLY AMENDED) A networked health-monitoring  
system, comprising:

(a) a plurality of remote patient sites, each remote patient site including

5 (i) at least one display,  
(ii) a hand held unit configured to facilitate collection of patient health-related data,

(iii) a memory within said hand held unit, and

(iv) program instructions stored in said memory that,  
10 when executed by a processor of said hand held unit, generate health-monitoring related information on the display and collect said patient health-related data, wherein said program instructions, when executed, also allow said hand held unit to update said health-monitoring related information presented on the  
15 display;

(b) at least one remotely located computing facility including at least one central server connectable for communication with the ~~data management~~ hand held units at the patient sites, wherein said at least one central server transmits said ~~stored~~  
20 program instructions to said remote patient sites prior to said program instructions being stored in said memory; and

(c) at least one health care professional computer remotely located from and configured for signal communication with the central server to receive at least one report based on the patient  
25 health-related data collected at the remote patient sites,

wherein hardware and software of the central server

(i) are configured to receive and store health-related data from ~~a~~ the remote patient site sites, and to generate a report that can be viewed or retrieved by an authorized user ~~from~~ at the remotely located health care professional computer,

(ii) can communicate with the ~~data management~~ hand held units to enable program instructions to be provided from the central server to the hand held units for reconfiguring programs stored at ~~a~~ the remote patient site sites, and

(iii) can send educational or motivational messages to the remote patient sites, and

wherein the central server receives and stores messages from the remotely located health care professional computer and transmits ~~them~~ the messages to the ~~data management~~ hand held unit at the remote patient sites for presentation ~~to~~ on the ~~patient~~ display at the remote patient sites.

124. (CURRENTLY AMENDED) A method of collecting and processing patient health-related data, comprising:

(a) at a plurality of remote patient sites,

(i) using ~~stored~~ program instructions stored at the remote patient sites to generate health-monitoring related information on at least one display,

(ii) facilitating collection of patient health-related data using a hand held unit, and

(iii) using program instructions stored in a memory of  
10 the hand held unit by executing the program instructions with a  
processor in the hand held unit to collect said patient-health  
related data, wherein said program instructions, when executed,  
also allow said hand held unit to update said health-monitoring  
related information presented on the display;

15 (b) connecting at least one remotely located computing  
facility including at least one central server for communication  
with the ~~data management unit~~ hand held units at the remote patient  
sites, wherein the central server transmits the ~~stored~~ program  
~~instruction~~ instructions to the remote patient sites prior to the  
20 program instructions being stored in the memory of the hand held  
unit at the remote patient sites and generates at least one report;  
and

(c) providing the at least one report to at least one health  
care professional computer, remotely located from and in signal  
25 communication with the central server, the report being based on  
the patient health-related data collected at the remote patient  
sites, wherein hardware and software of the central server

(i) are configured to receive and store health-related  
data from ~~a~~ the remote patient ~~site~~ sites, and to generate a report  
30 that can be viewed or retrieved by an authorized user ~~from~~ at the  
remotely located health care professional computer,

(ii) can communicate with the ~~data management~~ hand held units to ~~enable~~ provide program instructions to ~~be provided~~ the hand held units from the central server for reconfiguring programs stored at ~~a~~ the remote patient ~~site~~ sites, and

(iii) can send educational or motivational messages to the patient, and

wherein the central server receives and stores messages from the remotely located health care professional computer and transmits ~~them~~ the messages to the ~~data management~~ hand held unit for presentation ~~to~~ on the ~~patient~~ display.

125. (PREVIOUSLY PRESENTED) The system of claim 71, wherein the program instructions for reconfiguring programs effect changes in a treatment regimen, effect changes in analyses or reports generated by the by the system, or effect changes in graphical presentations of the system.

126. (PREVIOUSLY PRESENTED) The system of claim 76, wherein the program instructions for reconfiguring programs effect changes in a treatment regimen, effect changes in analyses or reports generated by the by the system, or effect changes in graphical presentations of the system.

127. (PREVIOUSLY PRESENTED) The method of claim 114,  
wherein the program instructions for reconfiguring programs effect  
changes in a treatment regimen, effect changes in analyses or  
reports generated by the by the system, or effect changes in  
graphical presentations of the system.

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128. (PREVIOUSLY PRESENTED) The system of claim 34,  
wherein the patient health-related data includes raw data.

129. (PREVIOUSLY PRESENTED) The system of claim 128,  
wherein raw data includes test results and related data.

130. (PREVIOUSLY PRESENTED) The system of claim 128,  
wherein the patient health-related data includes symptomatic  
information.

131. (PREVIOUSLY PRESENTED) The system of claim 34,  
wherein the patient health-related data includes test results and  
related data.

132. (PREVIOUSLY PRESENTED) The system of claim 131,  
wherein the test results and related data are stored in the memory.

133. (CANCELED).



134. (PREVIOUSLY PRESENTED) The system of claim 76, wherein the additional program instructions are communicated to the remote patient site and the remotely located computing facility.

135. (PREVIOUSLY PRESENTED) The system of claim 134, wherein the additional program instructions are communicated to the program cartridge through the central server.

136. (PREVIOUSLY PRESENTED) The method of claim 114, wherein the programs provided from the server to a remote patient site can be stored and executed at the remote patient site.

137. (PREVIOUSLY PRESENTED) The method of claim 136, wherein the programs provided from the server to a remote patient site reconfigure existing programs stored at the remote patient site.

138. (CURRENTLY AMENDED) The system of claim 76, wherein the ~~reconfiguring~~ reconfigured program instructions are stored in the program cartridge and the program cartridge can be returned to the remote patient site.